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RECORD

Washington
WASHINGTON • UNIVERSITY • IN • ST • LOUIS

Vol. 16 No. 22/Feb. 27, 1992



It's all in the wrist: Katja Fritzsche, a senior from Chicago majoring in glassmaking, pours molten glass into a sand mold to cast an object. She wears tinted safety glasses to protect her eyes from the searing light given off inside the kiln, which can reach 2,500 degrees Fahrenheit. Junior Adam Kamens, a psychology major from Philadelphia, prepares to cut off the glass piece from the "pundy" rod. The punty rod is used to pick up molten glass from the kiln. The ceramics and glass studio, located in Lewis Center, is run by David Hershey, associate professor of fine arts, who has been at the University for 19 years.

'Discovering new frontiers'

Center for the Study of Nervous System Injury established

A Center for the Study of Nervous System Injury at the School of Medicine is being established to develop strategies to protect the brain and spinal cord from injury due to disease or trauma and to promote recovery once injury occurs.

The center will be the result of an \$8 million five-year collaborative agreement between Washington University and Hoffmann-La Roche Inc. headquartered in Nutley, N.J. Dennis W. Choi, M.D., Ph.D., professor and head of the medical school's Department of Neurology, will serve as the center's director.

"This alliance presents a remarkable opportunity for a pharmaceutical company and an academic institution to make use of their similar interests and different strengths to advance the understanding of neurological diseases and to generate new, more effective treatments," said William A. Peck, M.D., vice chancellor for medical affairs and dean of the medical school.

Under the terms of the agreement, Hoffmann-La Roche will contribute \$1.6 million for each of the next five years to support the center. In addition to financial support, Hoffmann-La Roche will provide technical expertise and legal services, and also may develop pharmaceutical products that result from the collaboration.

To further foster scientific exchange, scientists from Hoffmann-La Roche will work at the University periodically. Scientists from the Department of Neurosciences at the Roche Institute of Molecular Biology also will be involved in this collaborative effort. Washington University will contribute scientists, staff and the space for the center and will have access to technology developed by Hoffmann-La Roche.

"Hoffmann-La Roche's traditional strength in research on the central nervous system and the recognized leadership of Dr. Choi and his colleagues make this an ideal alli-

ance," said Jürgen Drews, M.D., president of International Research and Development at the company. "We welcome this opportunity to discover new frontiers in the area of neurodegenerative disorders with Washington University."

According to Choi, scientists working in the center will focus on preventing, limiting and reversing damage to cells in the brain or spinal cord. "The center is taking a somewhat untraditional approach," Choi explained. "Researchers hoping to develop new therapeutic approaches usually target a specific illness, such as Alzheimer's disease or stroke. By studying the problem of nerve cell injury across disease boundaries, we hope to learn enough about underlying common principles to devise new therapies."

The collaborative effort between Washington University and Hoffmann-La Roche combines the resources of two world-renowned organizations. Washington University is recognized worldwide as a leader in neuroscience research. Hoffmann-La Roche, which also has active drug discovery programs in the field of neurological diseases, is among the world's leading research-intensive health care companies and is internationally recognized for the discovery of prescription pharmaceutical products. The Roche Institute of Molecular Biology, an institution funded solely by Hoffmann-La Roche, is devoted to long-range

basic research designed to shed light on fundamental life processes. It is ranked as one of the top independent research institutes in the world.

The collaborative research program will be developed and administered by a steering committee consisting of representatives from both Washington University and Hoffmann-La Roche. The steering committee will be responsible for planning the focus of the program on a continuing basis.

Faculty members whose endeavors are supported through the agreement will be free to publish the results of their research. Patents on any inventions arising from the collaboration will be assigned to the inventor's employer, and Hoffmann-La Roche will have exclusive licensing rights to products and technologies that result from this collaboration.

Hoffmann-La Roche Inc. is part of the worldwide group of companies headed by Roche Holding Ltd. of Basel, Switzerland. Widely known for original research and development, Hoffmann-La Roche has produced numerous important prescription medicines and is a leader in biotechnology. Hoffmann-La Roche also provides a wide range of diagnostic products and clinical laboratory services and is a major producer of pure bulk vitamins and medicinal products used in food, pharmaceutical, cosmetic and animal health fields.

Record home delivery ends March 5

For the past few years, the Washington University *Record* has reached faculty and staff and their families through home distribution via the U.S. Postal Service. We regret to announce that we no longer will be able to provide this service.

As a cost-saving measure, home delivery of the *Record* to faculty and staff will discontinue beginning with the March 5, 1992, issue. Postal

service costs have increased fourfold in the last several years, making home distribution to faculty and staff too costly.

Individually addressed issues of the *Record* will be delivered to the offices of each employee. Faculty and staff are encouraged to take the *Record* home so that family members can continue to read about University activities.

Student Life advertisement spurs debate

On Feb. 18, *Student Life*, Washington University's student newspaper, ran a full-page advertisement paid for by Bradley R. Smith of Visalia, Calif., that suggests that the historical accounts of the Holocaust are wrong. The controversial advertisement touched off a series of discussions and debates on campus as well as prompted extensive follow-up coverage in *Student Life*—much of it critical of the decision to run the ad.

Student Life is an editorially independent, free-standing student newspaper. Its news and advertising policies are not established nor guided by Washington University. Its operating revenue is generated primarily by advertising, and it does not receive direct financial support from the University or from Student Union.

Washington University has a long-standing tradition of open and free exchange of ideas on all sides of issues between faculty, students, and other members of the University community. As such, the University does not take a position on issues that are left up to each individual to decide.

However, members of the Washington University community have expressed great concern over the allegations by Smith. Scholars at the University are firmly convinced that the current body of Holocaust information accurately bears out both the facts and the interpretations of this human tragedy, and that Smith's claims are without basis.

See Page 2 for a statement by Chancellor William H. Danforth on this issue.

Best-selling author Naomi Wolf keynotes Women's Week

Naomi Wolf, author of the 1991 best seller, *The Beauty Myth: How Images of Beauty Are Used Against Women*, will deliver the keynote lecture for Women's Week at 4 p.m. Monday, March 2, in Graham Chapel. Her lecture, which is part of the Assembly Series, is free and open to the public.

Women's Week will be held March 1-6 at the University.

Wolf, a Yale graduate in literature, spent three years at Oxford University as



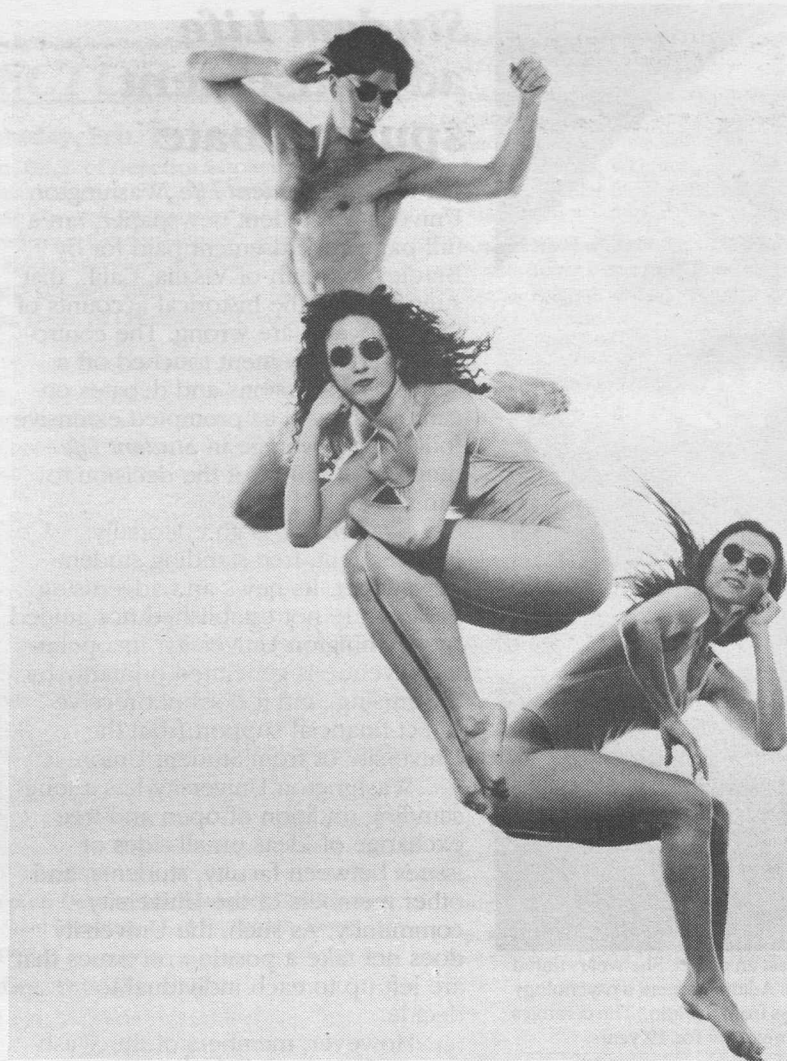
Naomi Wolf

a Rhodes Scholar, where the idea for *The Beauty Myth* was born. The New York Times calls the book "Powerful ... no other work has so forcefully confronted the anti-feminism that emerged during

the conservative, yuppified 1980s, or so honestly depicted the confusion of accomplished women who feel emotionally and physically tortured by the need to look like movie stars."

Wolf has won an Academy of American Poets prize, the Betts prize and awards from the Robert Browning Society and the Yale Literary Magazine. Her journalism, poetry and book reviews have appeared in various publications in Britain and the United States, including *Ms.*, *Verse*, *Spare Rib* and *Writing Women*. A volume of her poetry will be published by William Morrow & Co. this year.

Continued on p. 2



Atrek will defy gravity when the three-member company performs at 8 p.m. March 20 and 21 in Edison Theatre. Atrek will join several other dancers and choreographers in a concert featuring the local dance scene.

Edison Theatre program to showcase local dance talent

Seven local choreographers will present their work at 8 p.m. March 20 and 21 in Edison Theatre.

"Dancers Dancing" is coordinated by artistic director Robert Small, artist-in-residence in the Performing Arts Department. The full-length program featuring 10 works will showcase some of St. Louis' most innovative choreographers and dancers.

All seven artists are products of the Washington University dance program and are still active within the University or as professional dancers in St. Louis.

Juried exhibit of student art opens

Washington University's undergraduate Fine Arts Council opens its first juried show with a reception from 5-7 p.m., Friday, Feb. 28, in Bixby Gallery, Bixby Hall.

The show, which is titled "Wash U Works," runs from Feb. 28 through March 22.

More than 50 student works will be displayed, including drawings, paintings, prints, metalwork, ceramics and glass, sculpture, graphic communications, fashion design and photographs. Cash prizes will be awarded to the top entries in each of the nine media taught by the University.

The exhibition was juried by Nancy Rice, a painter and Maryville College professor who reviews art for the St. Louis Post-Dispatch and serves as Missouri editor for the New Art Examiner.

Almost one-third of the University's undergraduate fine arts students submitted entries to the show, which was organized by a student group, the Fine Arts Council. Organizers especially encourage local galleries to participate by attending the opening reception and viewing students' work.

The events are free and open to the public. Gallery hours are 10 a.m.-4 p.m. weekdays and 1-5 p.m. weekends. For more information, call 935-4643.

In addition to Small, Mary-Jean Cowell, Angela Culbertson, Jan Feager, Susan Gash, Suzanne Grace, and Christine O'Neal will present their work.

"Strata," a solo using an earthquake as metaphor for aspects of human life uncontrollable by technology, will be performed by Cowell, Ph.D., an associate professor of dance at the University. Grace and University alumnus Scott Loebl of the dance company MADCO will join Cowell in premiering a trio titled "After Darkness, Songs." The piece features music by Czech composer Bohuslav Martinu.

Culbertson, artistic director of ATREK dance company and an alumna of the dance program, will present two works: "Sirenities" and "Educating Edge."

Feager, founder and artistic director of St. Louis' professional tap dance company, Tapsichore, will perform a solo tap work. Feager is a University College instructor.

Gash, who is artistic director of In Motion Dance Theatre and an adjunct faculty member, will present her trio, "Genesis," danced beneath a towering set by visual artist Douglass Freed.

Grace's work, "The Feet and the Beat," will be performed with percussionist Lance Garger. Grace, founder and director of the Burning Feet Dance Company, is an adjunct professor at the University.

Artist-in-residence O'Neal and local dancer Allen Thomas will present O'Neal's work "On Leave," set to Glenn Miller music from the World War II era.

Small will dance two solos: "Summer Dance," set to an Aaron Copland piano score, and the world premiere of "Pigeonhole," a bleak look at a man disenfranchised from today's society.

Tickets are \$7 for the public and \$5 for senior citizens, students and Washington University faculty and staff. For more information, call 935-6543.

Chancellor Danforth addresses Holocaust ad in *Student Life*

The following statement by Chancellor William H. Danforth was presented on Feb. 24 to the University's Board of Trustees, Alumni Board of Governors, Parents' Council and *Student Life*.

"I have received letters and calls asking why I permitted, or even why I published, the advertisement appearing on the last page of the Feb. 18 edition of *Student Life*, which attempted to cast doubt on the well-known happenings of the Holocaust. Some felt deep anguish that their University could allow such a thing to happen and wanted my promise never to let such misinformation again to be printed or distributed on campus.

I understand and share the sense of outrage that has been expressed. Never has an instance of mass murder been so studied or so documented. Names, places and dates have been carefully added to the terrible roll call. Eyewitness accounts have been preserved in print, film and tape. Survivors are still living. Millions of non-combatant civilians were murdered, methodically and systematically, with Jews especially targeted for destruction. Many scholars have devoted their lives to the study and recording of these facts precisely so that the deaths would not be forgotten and so that because of this remembrance such a tragedy would never be repeated.

Why then does Washington University, and specifically the chancellor, not prevent an ad that denies that the Holocaust ever occurred from being printed in its student newspaper? The answer is complex and I believe touches on the nature of a university's role. Washington University places important responsibilities in the hands of students. The editing and publishing of *Student Life* are among those responsibilities. Decisions about editorials, news columns, advertisements, and features are made by the editorial staff. There is no censorship here. No member of the administration reviews the publication before printing. Some believe this policy to be sadly mistaken. I would argue that

both for the staff of *Student Life* and for the readers this sort of freedom is part of the educational experience. It is better to learn to evaluate the printed word on a questioning, skeptical campus than in later life. Will mistakes be made? Of course. Will there be penalties for making wrong or controversial judgments? Of course. The criticism from the community has in the past and will in the future be frank and even harsh. I might add that the staff of the paper has, in my experience, been sensitive to criticism and responsive when convinced that their decisions have been wrong. I might add that in addition to being unwise, forcing the withholding of any text is in the modern era impractical. Attempts to suppress merely add interest and sometimes apparent validity to the subject in question.

Now that the decision to print the ad has been made, we must use it as an educational opportunity. If arguments on such issues are to be had, the best place for them to occur is on a university campus. I believe that education is the best protection against repeating the errors of the past and that the early airing of theories and arguments, however bizarre, in an educational community is the best inoculation against the virus spreading.

The dangers are among the uneducated who do not have the intellectual tools to evaluate data and arguments and who lack the easy access to competent scholars. I have not yet heard of one person in this University community who supports the arguments of Bradley R. Smith. If he thinks that such advertisements will further his ideas, he is misguided. On the contrary, the paucity of his knowledge and the weakness of his arguments have been exposed. Undoubtedly it would have been better if no one ever had such ideas and they were never aired, but since none of us has the power to stifle ideas, we must ensure that they are subjected to the highest standard of scholarly analysis and criticism."

Applications up nearly 12 percent

Despite a dwindling college-age population nationwide, applications to Washington University have increased nearly 12 percent from last year, according to statistics compiled in early February by the Office of Undergraduate Admission.

As of Feb. 7, 1991, Washington had received 7,285 applications, compared with 8,151 applications received as of Feb. 6, 1992 — an 11.89 percent increase. Additionally, although final 1992 statistics have not been compiled, the 8,151 figure already is higher than the 8,037 applications that Washington received in fall 1990.

Gary M. Hochberg, Ph.D., interim

dean of undergraduate admission, attributed the increase to a more personalized mailing that his office sent to prospective students.

Washington has made significant gains in enhancing the quality of the student body, said Hochberg. He added, however, that "we need increases like these in order to steadily attract a strong freshman class. A larger applicant pool allows us to continue to be selective."

Hochberg noted that the competition for good students remains fierce, a situation compounded by the declining college-age population.

Women's Week — continued from p. 1

Her lecture is co-sponsored by the Office of Student Activities, Division of Student Affairs, Assembly Series, Student Union, Women's Panhellenic and Women's Week. For more information about the lecture, call 935-4620.

Women's Week, designed to both recognize and educate women, will feature a wide variety of activities, including a lecture on women in music and a performance by Judy Gorman, and panel discussions on women activists and international women.

Notebooks with information on sexism, sexual harassment and sexual assault will be distributed as well.

To encourage women to relax and have fun while learning about themselves, massages, flowers and Ted Drewes ice cream will be offered throughout the week. A performance by women students in celebration of womanhood also is scheduled.

For specific times and dates for Women's Week activities, call the Office of Student Activities at 935-5994.

NOTABLES

Philip Boehm, lecturer in performing arts, received the Austrian State Prize for outstanding achievement in the translation of Austrian literature. The prize was awarded by the Austrian Minister for Education and Art for Boehm's translation of *Malina*, by Ingeborg Bachmann.

Emma Kafalenos, Ph.D., lecturer in comparative literature, read a paper titled "Functions After Propp: Reading a Reading in Poe's 'The Assignment,'" in a session arranged by the Society for the Study of Narrative Literature. The session took place during the annual convention of the Modern Language Association, which was held in San Francisco. At the same conference, in a

session arranged by the Division on Literature and Other Arts, she and **Roland Jordan**, Ph.D., associate professor of music, presented a jointly written paper titled, "Structure and Process: An Application of Narratological Models to the Perception of Music."

Martin J. Mangino, Ph.D., research assistant professor in the Department of Surgery, received a five-year grant from the National Institutes of Health to study lipid mediators of inflammation during intestinal ischemia. The project also examines methods of preserving intestinal segments from organ donors prior to intestinal transplantation.

Ghana's independence celebrated

The fashion and artifacts of Ghana will be on display during a program commemorating the 35th anniversary of Ghana's independence from the British. The free and public event will begin at 5:30 p.m. Thursday, March 5, in the Brown Hall Lounge at the George Warren Brown School of Social Work.

On March 6, 1957, Ghana achieved political independence from the British after nearly 108 years of colonization. "It was the first time in history that a black African country had successfully emerged from colonial domination to self-government and independence," notes Osei Kofi Darkwa, president of the University's African Students Association, the program's primary sponsor.

"We have cause to celebrate the 35th anniversary of this historic occasion because Ghanians lifted the torch of liberation in Africa and blazed a trail that was subsequently followed by various African countries," says Darkwa, a native of Ghana and a doctoral candidate in the social work school. The program theme is "Pan-Africanism in Global Perspective."

During the program, Jonathan Smith, a graduate student in the

University's Writing Program, will read from his poetry at 6:20 p.m. Walle Amusa, coordinator of the St. Louis-based Campaign for Human Rights, will speak on the program theme at 6:40 p.m. Amusa, a native of Nigeria, has been active in the civil rights and anti-apartheid movements for 18 years. He frequently speaks at universities on topics such as Africa and the Challenge of Reconstruction as well as building unity in a multiracial environment. Following Amusa's keynote speech, a fashion show will be held at 7:10 p.m.

Jubril Olugbenga Hassan, Ph.D., a research associate in the Washington University Department of Biology, will serve as master of ceremonies. Throughout the festivities, an exhibition of African artifacts will be on display. Food will be served buffet style after the event. Individuals attending the program are encouraged to wear African attire.

The program also is sponsored by the University's Association of Black Students and the Society of Black Student Social Workers. For more information, call Darkwa at 863-3518 or 935-6454.

Designer Vignelli gives memorial talk

Designer Massimo Vignelli of Vignelli and Associates, New York City, will deliver the William Adair Bernoudy Memorial Lecture at 8 p.m. Monday, March 2, in Steinberg Hall auditorium.

Vignelli, whose 1984 redesign for 500 National Park Services publications won him the first Presidential Design Award, will discuss "Vignelli from A to Z." Educated in Switzerland and his native Milan, Vignelli is credited with introducing the Helvetica typeface into American graphic design. He also popularized grid theory and created the now-common graphic device of "information bands."

Photographer Jock Sturges lectures

Internationally acclaimed photographer Jock Sturges gave a lecture, titled "Innocence and Beauty," at 7:30 p.m. Tuesday, Feb. 25, in Steinberg Hall auditorium. Sturges' controversial portraits of nudes have stirred the interest of photographers worldwide.

Sturges' photographs are in the permanent collections of the Museum of Modern Art, the Metropolitan Museum of Art and the Bibliotheque Nationale in Paris. His work has been published in magazines including *Vogue*, *Aperture*, *Harpers* and *Camera International*.

The photographer's visit was co-sponsored by the School of Fine Arts and the St. Louis Chapter of the American Society of Magazine Photographers. Tickets to the lecture, which cost \$15 for the general public and \$5 for students, were available at the door.

Vignelli's projects include corporate identity programs, magazine design, architectural graphics, furniture and interior design, and consumer product design for companies and institutions in the United States and Europe. He designed signage for New York City's subway system, and his work is part of the permanent collections of the Museum of Modern Art, the Metropolitan Museum of Art and the Cooper-Hewitt Museum.

He is a past president of the Alliance Graphique Internationale (AGI) and the American Institute of Graphic Arts (AIGA), and has received numerous honors including the 1991 National Arts Club Gold Medal for Design.

The free lecture is sponsored by the School of Architecture. A reception will follow in Room 120, Givens Hall. For more information, call 935-6200.

Author reads from novel about incest

Carolivia Herron will read from her first novel, *Thereafter Johnny*, a story of incest in a middle class family, on Thursday, March 5. The free reading, which is part of the Young Writers Lecture Series, will be held at 4 p.m. in Hurst Lounge, 201 Duncker Hall.

Herron is an associate professor of English at Mount Holyoke College. She has said that the book is based on her own experiences of rape by a male relative when she was three years old.

According to a book review in *The New York Times*, one of the characters named Patricia makes love to her two sisters and desires her

Director of facilities planning and management named

Ralph H. Thaman Jr., former resident engineer of the St. Louis facility of Anheuser-Busch Inc., has joined Washington University as director of facilities planning and management, announced Chancellor William H. Danforth. His appointment was effective Feb. 24.

As director of facilities planning and management, Thaman's responsibilities will include those previously held by the administrator of physical facilities. Thaman will manage facilities planning and management's four major components on the Hilltop Campus. These components deal with the power plant and all utility distribution systems; the design and construction of new buildings, including major repairs and renovations; the maintenance of buildings and grounds, including the execution of new programs for planned maintenance and preventive maintenance; and the preservation and updating of all the physical plant's plans and records.

"After a successful 30-year career at Anheuser-Busch, when many people are ready to retire, Ralph Thaman has agreed to come to Washington University and help us continue to improve our campus facilities," said Danforth. "We are very fortunate to have a person with his outstanding qualifications and experience leave the corporate environment and join the University community."

Book contest entry forms available

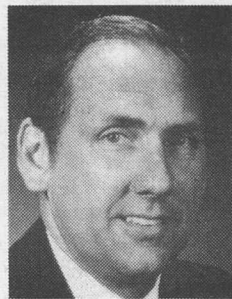
Applications are now being accepted for the fifth annual Carl Neureuther Student Book Collection Competition. The competition, which is sponsored by the Washington University Libraries, is open to full-time Washington University students.

Students interested in entering the competition must submit an entry form and a bibliography of their book collection to the Olin Library administrative office by Monday, March 2. Finalists will be asked to submit a representative sample of their collection and an essay on its noteworthy features by March 20. Book collections may be on any subject. Judging will be based on the depth and breadth of the collection as well as its personal value to the owner. Shirley K. Baker, dean of University Libraries, will select a panel of judges from Washington's faculty and the St. Louis community.

"The size and financial value of a collection are not as important to the judging panel as are demonstrations of personal value and depth of the collection," said Barbara Rea, coordinator of communications and special projects for the libraries and organizer of the competition. "Does the collection represent more than one viewpoint? Does it contain primary and secondary materials?"

First- and second-place awards,

As resident engineer at Anheuser-Busch Inc. since 1984, Thaman's responsibilities included engineering, maintenance and utilities for the St. Louis facility,



Ralph H. Thaman Jr.

overseeing a budget of approximately \$80 million and a staff of 450. Thaman, who joined Anheuser-Busch in 1962, also

has served the company as manager of Plant Engineering Services; resident engineer in Columbus, Ohio; Merrimack, N.H.; and St. Louis; and assistant plant manager in Newark, N.J.

Thaman graduated from the University of Cincinnati in 1959 with a bachelor's degree in mechanical engineering. He continued his studies with graduate work at Andover Newton Theological School in Newton Centre, Mass., and Rivier College in Nashua, N.H.

Thaman has been active in many civic areas, including serving as president of the United Way of Greater Nashua, N.H., for two years and as a member of the Merrimack River Girl Scout Council Finance Committee. He is founder of the Anheuser-Busch Chorus.

given in both undergraduate and graduate categories, will each be \$750 and \$500 respectively. Chancellor William H. Danforth will announce the four winners at an awards ceremony in April.

The late Carl Neureuther, a 1940 graduate of the John M. Olin School of Business, donated the funds in 1987 to support the annual contest. The competition is part of a \$1 million gift Neureuther made to the libraries to encourage good reading by Washington University students and to promote the building of personal libraries. Neureuther died in 1989.

Entry forms for the competition are available in the Olin Library administrative office or at the library's information desk. For further details, call 935-5400.

RECORD

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CALENDAR

Feb. 27 -March 7

LECTURES

Thursday, Feb. 27

Noon. Dept. of Genetics Seminar, "Mouse Germline Deletion Mutations as Models for the Human Genome Program and for the Dissection of Syndromic Genetic Disease," Eugene Rinchik, Oak Ridge Laboratory. Room 816 McDonnell Medical Sciences Bldg.

4 p.m. Dept. of Chemistry Seminar, "Electron Transfer Photochemistry," Patrick S. Mariano, prof., U. of Maryland. Room 311 McMillen.

4 p.m. Central Institute for the Deaf Research Seminar, "Further Studies of 'Clear' and Conversation Speech: Segment Duration Measurements and Perception of Time-Altered Speech," Rosalie M. Uchanski, Sensory Communication Group, Research Laboratory of Electronics, Massachusetts Institute of Technology. Second Floor Aud., Clinics and Research Bldg., 909 S. Taylor Ave.

4 p.m. Dept. of Biology Seminar, "Regulation of the Phenolpropanoid Pathway in *Arabidopsis*," William Kubasek, Dept. of Molecular Biology, Massachusetts General Hospital, Boston. Room 202 Life Sciences Bldg.

4 p.m. Dept. of Earth and Planetary Sciences Colloquium, "Developments in the Study of the Terrestrial Impact Record," Richard A.F. Grieve, head of applications/research scientist, Geophysics Division, Geological Survey of Canada. Room 102 Wilson Hall.

4:30 p.m. Dept of Mathematics Colloquium with Juan Manfredi, U. of Pittsburgh. Room 199 Cupples I.

Friday, Feb. 28

9:15 a.m. Pediatric Grand Rounds, "Interferon and Other Therapy for Chronic Viral Hepatitis," Robert P. Perillo, WU prof. of medicine. Clopton Aud., Wohl Clinic, 4950 Audubon Ave.

10 a.m. Neurosciences Program, "Mechanisms Involved in the Development of Tropicographic Order in the Mammalian Retinocollicular Projection," David Simon, WU graduate student, Neurosciences Program. Room 928 McDonnell.

Noon. Dept. of Physics Presents McDonnell Center Brown Bag Lunch, "Ne-E in Stardust: Atoms From Novae Visit Wash. U.," Bob Nichols, McDonnell Center for Space Sciences. Room 241 Compton Hall.

Noon. Dept. of Cell Biology and Physiology Seminar, "Studies on Herpes Simplex Virus," Paul Olivo, WU asst. prof., Dept. of Medicine. Room 423 McDonnell Medical Sciences Bldg.

4 p.m. Dept. of Anatomy and Neurobiology Seminar, "Strategies to Enhance Muscle Growth," E. Richard Bischoff, WU assoc. prof., Dept. of Anatomy and Neurobiology. Room 928 McDonnell Medical Sciences Bldg.

4 p.m. Program for Cancer Research Seminar, "SH2 Domains Control the Interactions of Tyrosine Kinases With Their Targets," Tony Pawson, Mount Sinai Hospital, Toronto, Canada. Room 8841 Clinical Sciences Research Bldg., 4939 Audubon Ave.

Saturday, Feb. 29

9 a.m. Saturday Morning Neural Sciences Seminar, "Cortical Development: Functional Plasticity: Environmental Interactions During Development," Nigel Daw, acting head and prof., WU Dept. of Anatomy and Neurobiology. Erlanger Aud., McDonnell Medical Sciences Bldg.

Monday, March 2

3 p.m. Dept. of Mathematics Operator Theory Seminar, "Thomson's Proof of the Existence of Bounded Point Evaluations III," John Stapel, WU graduate student. Room 199 Cupples I.

4 p.m. Immunology Seminar, "Functional Significance of the Class/CD8 Interaction in Cytotoxic T Cell Responses," Janet M. Connolly, WU research asst. prof. of genetics. Third Floor Aud., Children's Hospital, 400 S. Kingshighway.

4 p.m. Dept. of Biology Seminar, "What Sinbis Virus Has Taught Us About Antiviral Drug Design," Henry Huang, WU asst. prof. of molecular microbiology. Room 322 Rebstock.

4 p.m. Assembly Series Presents Women's Week Lecture with Naomi Wolf, author of *The Beauty Myth*. Graham Chapel. Free.

4 p.m. Dept. of Mathematics Geometry Seminar, "Thomas-Whitehead Projective

Connections," Craig Roberts, St. Louis U. Room 215 Cupples I.

7 p.m. Divisional Molecular Biophysics Seminar, "Crystallography of Flavoproteins, Quinoproteins and Electron Transfer Complexes," F. Scott Mathews, WU prof., Dept. of Biochemistry and Molecular Biophysics. Room 311 McMillen Lab.

8 p.m. School of Architecture Presents the William Adair Bernoudy Memorial Lecture, "Vignelli: From A to Z," Massimo Vignelli, designer, Vignelli and Associates, New York. Steinberg Hall Aud.

Tuesday, March 3

4 p.m. Dept. of Molecular Microbiology Seminar, "The Role of Guide RNAs in RNA Editing in Trypanosomes," Larry Simpson, prof. of biology, U. of California, Los Angeles. Room 775 McDonnell Medical Sciences Bldg.

4 p.m. Dept. of Biology Seminar, "Genetic Control of Flower Development in *Arabidopsis*," Gary Drews, Dept. of Biology, California Institute of Technology. Room 322 Rebstock Hall.

Wednesday, March 4

12:30 p.m. Divisional Neurosciences Seminar, "Axonal Growth During Reinnervation and Regeneration of Living Mouse Muscle," Peter van Mier, WU Dept. of Anatomy and Neurobiology. Room 928 McDonnell Medical Sciences Bldg.

4 p.m. Dept. of Mathematics Presents a TeX Lecture with Steven Krantz, WU prof. of mathematics, and Stanley Sawyer, WU prof. of mathematics. Room 199 Cupples I.

4 p.m. East Asian Colloquium, "Japanese Investment in China," Takeshi Hamashita, Institute of Oriental Culture, U. of Tokyo. Room 30 January Hall.

4 p.m. Dept. of Biochemistry and Molecular Biophysics Seminar, "Regulation of HIV-1 Replication," Bryan Cullen, Howard Hughes Medical Institute, Duke U. Medical School, Durham, N.C. Erlanger Aud., McDonnell Bldg.

Thursday, March 5

Noon. Dept. of Genetics Seminar, "Genetics of Wilms Tumor," David Housman, Dept. of Biology, Massachusetts Institute of Technology. Room 816 McDonnell Medical Sciences Bldg.

Noon. Dept. of Molecular Biology and Pharmacology Lecture, "Physiological and Molecular Aspects of Myosin Gene Regulation in Mammals," Robert Whalen, Dept. of Molecular Biology, Institut Pasteur, Paris, France. Room 423 McDonnell Medical Sciences Bldg.

12:10 p.m. Gallery of Art Presents a Talk, "Joseph Beuys' Videos," Chris Scoates, curator, WU Gallery of Art. Steinberg Hall Aud.

1 p.m. Dept. of Biology Seminar, "Promoter Elements That Developmentally Regulate Expression of Barley Alpha-Amylase Genes," John Rogers, WU assoc. prof., Dept. of Medicine. Room 322 Rebstock Hall.

1:10 p.m. George Warren Brown School of Social Work Lecture, "Common Values and Inequal Justice: An International Challenge to Social Work Education," Vera Mehta, secretary general, International Association of Schools of Social Work, Austria. Brown Hall Lounge.

2:30 p.m. Dept. of Mechanical Engineering Seminar, "Large Deformations of Cylindrical Viscoelastic Capsules by Shear Flows," G.I. Zahalak, WU prof. of mechanical engineering. Room 100 Cupples II.

4 p.m. Dept. of Earth and Planetary Sciences Presents the Carl Tolman Colloquium, "The Beaverhead, Montana Impact Structure: Current Status," Robert B. Hargraves, prof., Dept. of Geological and Geophysical Sciences, Princeton U. 102 Wilson.

4 p.m. Divisional Neurosciences Seminar, "Control of Granule Cell Neurogenesis and Migration in Developing Cerebellum," Mary Beth Hatten, Dept. of Pathology, Columbia U. Erlanger Aud., McDonnell Medical Sciences Bldg.

4 p.m. African and Afro-American Studies Presents Carolivia Herron, reading from her works. Co-sponsored by the Dept. of English, the Writing Program and International Writers Center. Hurst Lounge, 201 Duncker Hall.

4:15 p.m. Dept. of Philosophy Colloquium, "Disclosure, Truth and Criticism," James Bohman, asst. prof., Dept. of Philosophy, St. Louis U. Stix International House Living Room.

4:30 Dept. of Mathematics Colloquium with Brad Osgood, Stanford U. Room 200 Cupples I.

Friday, March 6

Noon. Dept. of Cell Biology and Physiology Seminar, "Studies of Protein N-Myristoylation in *S. Cerevisiae*," Jeff Gordon, prof. and chair, WU Dept. of Molecular Biology and Pharmacology. Room 423 McDonnell Bldg.

4 p.m. Dept. of Music Presents a Lecture with Robert Rodriguez, guest composer, St. Louis Symphony. Room B-8 Blewett Hall.

4 p.m. Microbial Pathogenesis Seminar, "Iron Transport in the Pathogenesis of Human Disease Caused by *Neisseria Meningitidis*," David W. Dyer, Dept. of Microbiology, State U. of New York, Buffalo. Room 775 McDonnell.

4 p.m. Evolution and Population Biology Seminar, "Ribosomal DNA: Molecular Evolution and Phylogenetic Inference," Dave M. Hillis, Dept. of Zoology, U. of Texas, Austin. Room 322 Rebstock Hall.

4 p.m. Dept. of Anatomy and Neurobiology Seminar, "Underground Neurotransmitters and Their Receptors I. Bradykinin," Nancy Baenziger, WU research assoc. prof., Dept. of Anatomy and Neurobiology. Room 928 McDonnell Bldg.

6 and 8:30 p.m. WU Association Travel Lecture Series Presents "Plato's Lost Atlantis — The Aegean Sea," with Robin Williams. Williams has appeared in the National Geographic Society lecture series for more than 20 years. Graham Chapel. Cost: \$4.50 at the door.

Saturday, March 7

9 a.m. Saturday Morning Neural Sciences Seminar, "Cortical Development: Transient Expression of Neurotransmitter Receptors and the Critical Period of Cortical Plasticity," Max S. Cyander, Dept. of Ophthalmology, U. of British Columbia. Erlanger Aud., McDonnell Bldg.

PERFORMANCES

Friday, Feb. 28

8 p.m. Performing Arts Dept. Presents "Plenty." (Also Feb. 29, same time, and March 1 at 2 p.m.) Mallinckrodt Center Drama Studio, Room 208. Cost: \$7 for general public; \$5 for senior citizens, students and WU faculty and staff. For more info., call 935-6543.

Friday, March 6

8 p.m. Edison Theatre "OVATIONS!" Series Presents "Blood Knot." (Also March 7, same time.) Edison Theatre. Cost \$18 for general public; \$14 for senior citizens and WU faculty and staff; and \$9 for students. For info., call 935-6543.

MUSIC

Sunday, March 1

2 p.m. Dept. of Music Presents a Concert with the WU Symphony Orchestra. St. Louis Art Museum Theatre. Free.

EXHIBITIONS

"Washington University Art Collections."

Through May 1992. Gallery of Art, lower gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 935-5490.

"Columbus of the Woods: Daniel Boone and the Myth of Manifest Destiny." Through March 29. Gallery of Art, lower gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Free. For info., call 935-5490.

"Helen and Newton Harrison Changing the Conversation: Environmental Projects Proposed and in Progress." Through March 22. Gallery of Art, upper gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Free. For info., call 935-5490.

"The Revenge of Style: Stanley Elkin, Storyteller." Through April 10. Olin Library, Special Collections, Level 5. Hours: 8:30 a.m.-5 p.m. weekdays. Free. For info., call 935-5495.

"Joseph Beuys Video Collection." Through April 26. Gallery of Art, lower gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Free. For info., call 935-5490.

"Wash U Works." Feb. 28-March 22. Opening reception: 5-7 p.m. Feb. 28. Bixby Gallery, Bixby Hall. Hours: 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. Free. For info., call 935-4643.

FILMS

Thursday, Feb. 27

7 and 9 p.m. Filmboard Foreign Series Presents "Vengeance is Mine," a Japanese film with English subtitles. Room 100 Brown Hall. \$3. For 24-hour Filmboard hotline, call 935-5983.

Friday, Feb. 28

7 p.m. Gay and Lesbian Association of Student Social Workers Presents a Film, "Torch Song Trilogy." Brown Hall Lounge. Free.

7 and 9 p.m. Filmboard Feature Series Presents "The Killer." (Also Feb. 29, same times, and March 1 at 7 p.m.) Room 100 Brown Hall. \$3.

Midnight. Filmboard Midnight Series Presents "Live and Let Die." (Also Feb. 29, same time, and March 1 at 9:30 p.m.) Room 100 Brown Hall. \$3. On Fri. and Sat., both the 9 p.m. and midnight films can be seen for a double feature price of \$4; both Sunday films can be seen for \$4.

Monday, March 2

7 and 9 p.m. Filmboard Classic Series Presents "Brief Encounter." (Also March 3, same times.) Room 100 Brown Hall. \$3.

Tuesday, March 3

7 p.m. Dept. of Asian and Near Eastern Languages and Literatures Presents "Golden Demon," a Japanese film with English subtitles. Room 100 Busch Hall. Free.

Wednesday, March 4

7 and 9 p.m. Filmboard Foreign Series Presents "Day of Wrath." (Also March 5, same times.) Room 100 Brown Hall. \$3.

Filmboard will resume after spring break on March 16th.

SPORTS

Thursday, Feb. 27

8 p.m. Women's Basketball. WU vs. Brandeis U. Field House. Free.

Saturday, Feb. 29

6 p.m. Women's Basketball. WU vs. Carnegie-Mellon U. Field House. Free.

8 p.m. Men's Basketball. WU vs. Carnegie-Mellon U. Field House. Free.

MISCELLANY

Saturday, Feb. 29

6 p.m. The Black Alumni Council Fourth Annual Scholarship Dinner, with speaker Ronald L. Thompson, president and chair, GR Group, and member, WU Board of Trustees. Stouffer Concourse Hotel, 9801 Natural Bridge Rd. Cost: \$40 per person; \$400 for table of ten. For more info., call 935-5690.

Monday, March 2

8:30 a.m.-4 p.m. Center for the Study of Data Processing Presents a Seminar, "Workstations for Development," Curt Hartog, assoc. director, WU Center for the Study of Data Processing. (Seminar continues March 3, same time.) Room 232 Prince Hall. Cost: \$50 for WU students, faculty and staff. For public pricing, registrations and more info., call 935-5380.

9:30 p.m. Catholic Student Center Presents "Ask a Priest Night" with Fr. Gary Braun, WU Catholic Student Center. Ask anything you ever wanted to know about the Catholic faith. Food and beverages provided. Catholic Student Center, 6352 Forsyth. Free. For info., call 725-3358.

Wednesday, March 4

The Catholic Student Center's Ash Wednesday Mass Schedule for distribution of ashes and celebration of the Eucharist follows: 8:05 a.m.; 12:05 p.m.; and 5:15 p.m. The 5:15 p.m. mass will be followed by a clam chowder soup dinner. Free. For more info. and daily Lenten service schedule, call 725-3358.

Thursday, March 5

8:30 a.m.-4 p.m. Center for the Study of Data Processing Seminar, "Cost Benefit Analysis," Joe Haspiel, senior assoc., WU School of Technology and Information Management (STIM). Seminar continues March 6, same time. Seminar will be held at the STI M Labs, 1144 Hampton Ave. Cost: \$50 for WU students, faculty and staff. For public pricing, registrations and more info., call 935-5380.

9 a.m.-4 p.m. Computer-Integrated Manufacturing Center Presents a Seminar, "Implementing a TCP/IP Network," Chris Curtis, director, School of Technology and Information Management Labs. (Seminar continues March 6, same time.) Seminar will be held at the labs, 1144 Hampton Ave. Cost: \$50 for WU students, faculty and staff. For public pricing, registrations and more info., call 935-4444.

6 p.m. African Students Association, the Association of Black Students and the Society of Black Student Social Workers Presents the commemoration of the 35th anniversary of Ghana's Independence, "Pan-Africanism in Global Perspective," Walle Amusa, chemist, activist, writer, and human rights advocate. Brown Hall Lounge. Free. For more info., call 863-3518.

Israel study seminar offered

Hillel Director Rabbi James Diamond, Ph.D., and Campus Y Director Helen Davis are co-leading a study seminar in Israel May 17-June 1. Only two spaces remain in the group of 17 people. The final date for registering is Friday, Feb. 28. The seminar will include visits to historic sites crucial to Judaism, Christianity and Islam; conversations with Israelis and Palestinians; and meetings with key academic, political and religious persons. Home visits with Israeli and Palestinian families also will be included. For information, call Hillel at 726-6177 or the Campus Y at 935-5010.

Calendar Deadline

The deadline to submit items for the March 5-21 calendar of the Record is noon Feb. 28. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event; also include your name and telephone number. Send items to Marilyn Chill, Box 1070, or by electronic mail to p72245CM at WUVMC.